

FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE **10/009903** **US** **10 DEC 2001**

EXPRESS MAIL LABEL NO.: EV 016 772 719 US

December 10, 2001

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER: Ace Case 6

U.S. APPLICATION NO.

(If known, see 37 CFR 1.5): Unknown

INTERNATIONAL APPLICATION NO.: PCT/JP01/03896 INTERNATIONAL FILING DATE: May 10, 2001

PRIORITY DATE CLAIMED: May 24, 2000

TITLE OF INVENTION: METHOD AND APPARATUS FOR PRODUCING MOLD

APPLICANTS FOR DO/EO/US: (1) Yutaka MIYAMOTO and (2) Norihiko KIKUCHI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19<sup>th</sup> month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
  - Formal Drawings (5 sheets)
  - Form PCT/IB/301 - Notification of Receipt of Record Copy
  - Form PCT/IB/304 - Notification Concerning Submission or Transmittal of Priority Document
  - Postal Card

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(if known, see 37 CFR 1.5);

Unknown

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100009900

JC13 Rec'd PCT/PTO 10 DEC 2001

ATTORNEY'S DOCKET NUMBER

Ace Case 6

17. [X] The following fees are submitted:

CALCULATIONS PTO USE ONLY

**BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO .... \$1040.00  
International preliminary examination fee (37 CFR 1.482) not  
paid to USPTO but International Search Report prepared by  
the EPO or JPO ..... \$ 890.00  
International preliminary examination fee (37 CFR 1.482) not  
paid to USPTO but international search fee (37 CFR 1.445(a)(2))  
paid to USPTO ..... \$ 740.00  
International preliminary examination fee paid to USPTO (37  
CFR 1.482) but all claims did not satisfy provisions of PCT  
Article 33(1)-(4) ..... \$ 710.00  
International preliminary examination fee paid to USPTO (37 CFR  
1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ... \$ 100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT = \$890.00**

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)). \$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	16 - 20 =	0	X \$ 18.00	\$
Ind. claims	2 - 3 =	0	X \$ 84.00	\$
MULTIPLE DEPENDENT CLAIMS (if applicable)			+ \$280.00	\$
<b>TOTAL OF ABOVE CALCULATIONS</b>			<b>=</b>	<b>\$890.00</b>

Reduction of 1/2 for filing by small entity, if applicable. Small Entity Statement  
must also be filed (Note 37 CFR 1.9, 1.27, 1.28).

**SUBTOTAL = \$890.00**

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)). + \$

**TOTAL NATIONAL FEE = \$890.00**

Fee for recording assignment (37 CFR 1.21(h)). The assignment must be accompanied  
by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ 40.00

**TOTAL FEES ENCLOSED = \$930.00**

Amount to be refunded \$  
charged \$

- a. [X] A check in the amount of \$930.00 to cover the above fees is enclosed.  
b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate  
copy of this sheet is enclosed.  
c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to  
Deposit Account No. 06-1382. A duplicate copy of this sheet is enclosed.

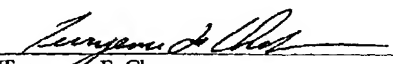
**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a)  
or (b)) must be filed and granted to restore the application to pending status.

IN DUPLICATE

SEND ALL CORRESPONDENCE TO:  
FLYNN, THIEL, BOUTELL & TANIS, P.C.  
2026 Rambling Road  
Kalamazoo, Michigan 49008-1699

300.0900

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Terry F. Chapman  
Registration Number: 32 549

10/009903

PATENT APPLICATION

JC13 Rec'd PCT/PTG 10 DEC 2001

Express Mail Label No.: EV 016 772 719 US

Date of Mailing: December 10, 2001

Applicants : Yutaka MIYAMOTO et al  
For : METHOD AND APPARATUS FOR PRODUCING MOLD

PCT International Application No.: PCT/JP01/03896

PCT International Filing Date: May 10, 2001

U.S. Application No.

(if known, see 37 CFR 1.5): Unknown

Atty. Docket No.: Ace Case 6

Box PCT  
United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

**EXPRESS MAILING CERTIFICATE**

Sir:

I hereby certify that the attached paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: United States Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

FLYNN, THIEL, BOUTELL & TANIS, P.C.

By: *Mia Schipper*

Date: December 10, 2001

Documents attached: Nationalized PCT Application  
Transmittal dated December 10, 2001  
including enclosures listed thereon

Telephone: (616) 381-1156

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